Packet Switch

Control
Processor

Packet
Links

ESF

I/O Cards
optical processing

Optical
Links

OSF

Control
Processor

Optical Switch

PRIOR ART

FIGURE 1

Unified Switch   CP

I/O Cards
(packet processing)

Packet
Links

Control
Processor

ESF

B

Bridge Cards/
Conversion Elements

I/O Cards
optical processing

OSF

Optical
Links

FIGURE 2

Bridge Card Architecture

Figure 3

Flow A

Flow B

45F

45q

FIGURE 4

Packet Link

ESF

Wave Link

OSF

A

Packet Link

ESF
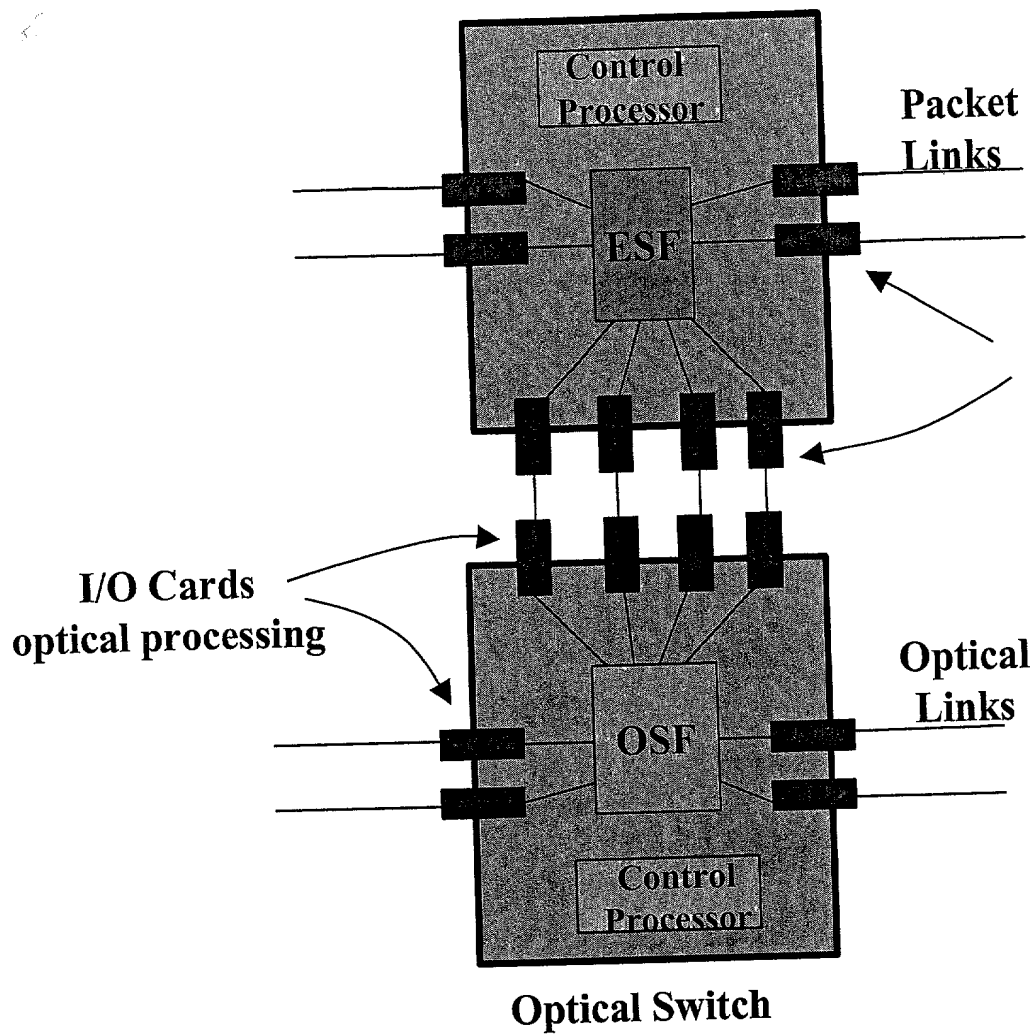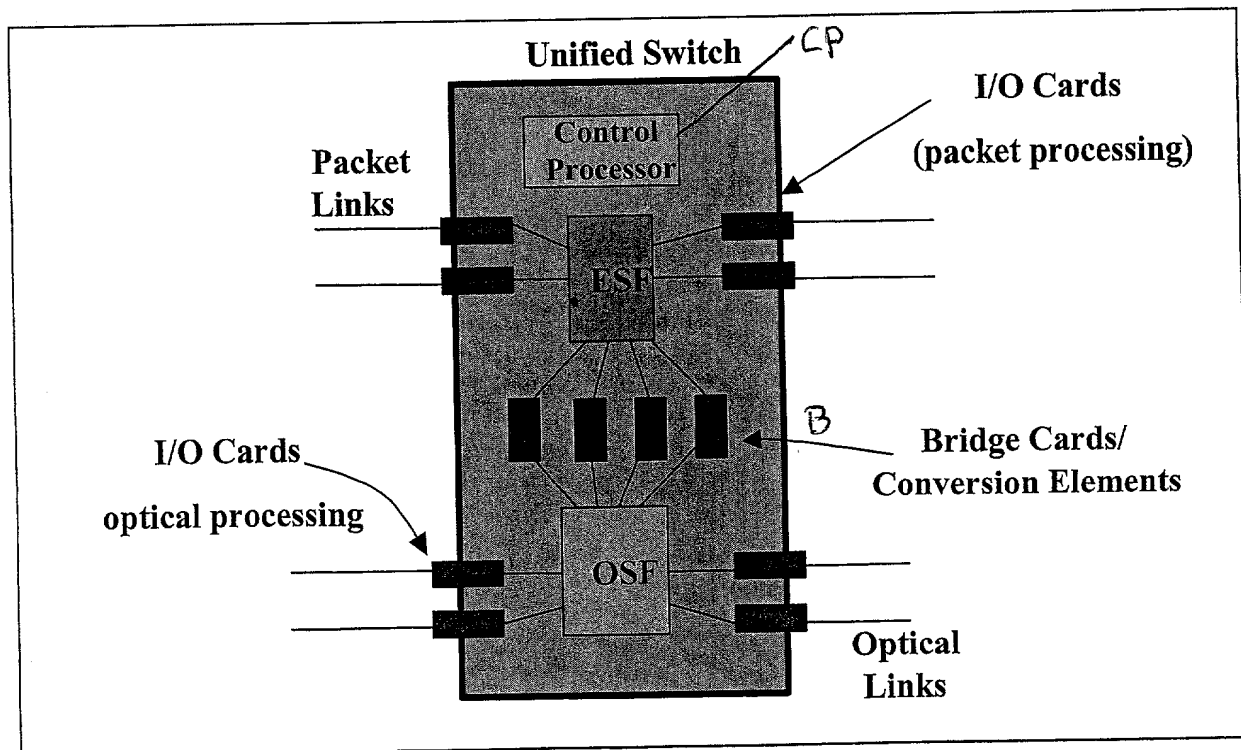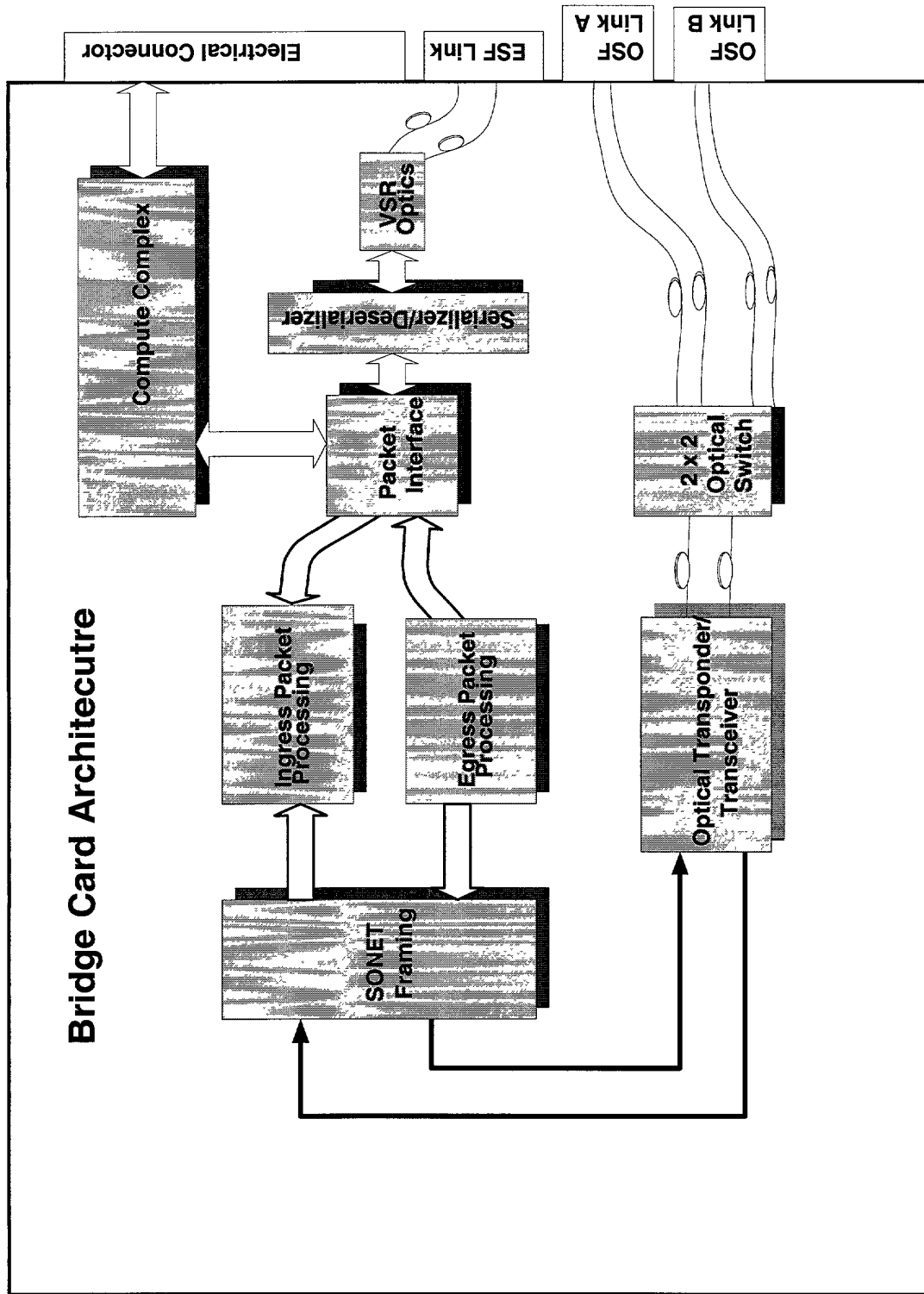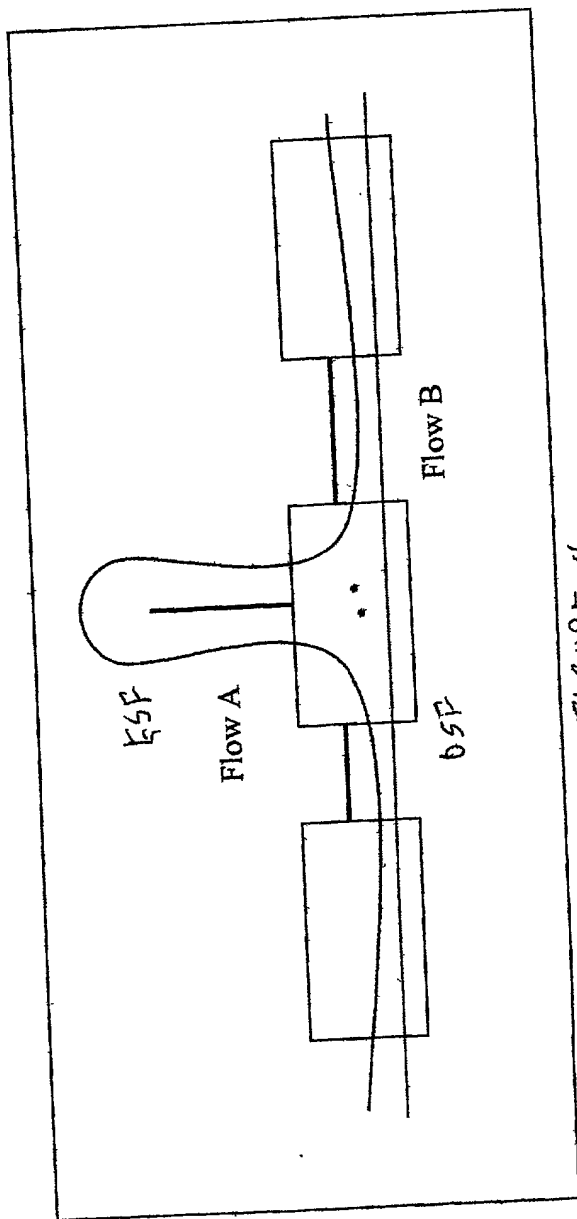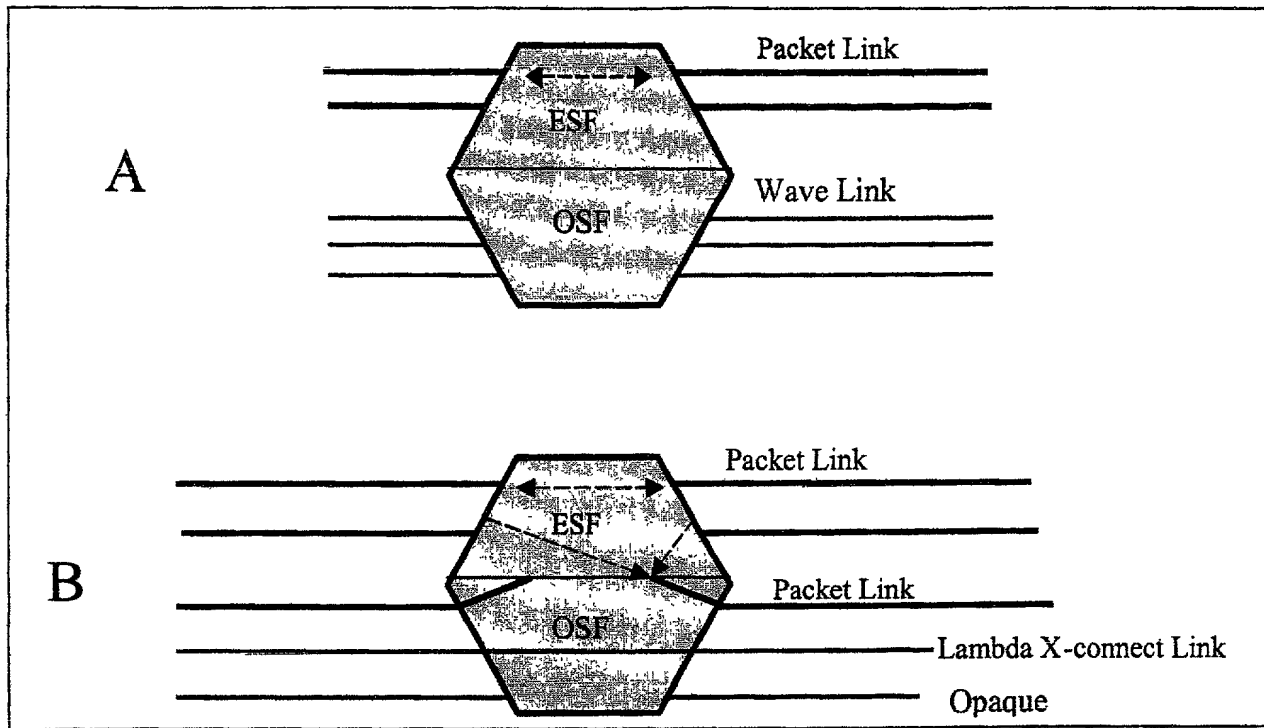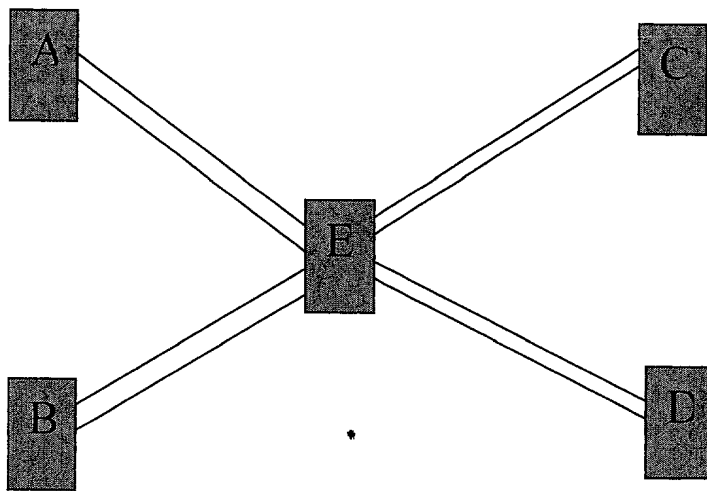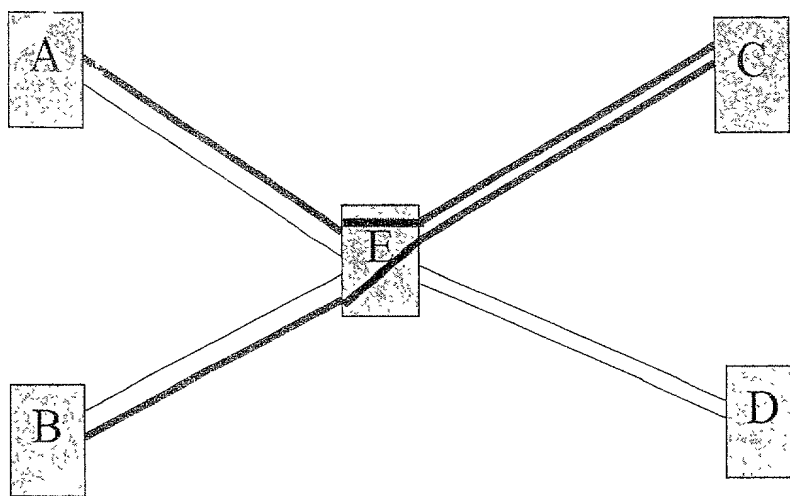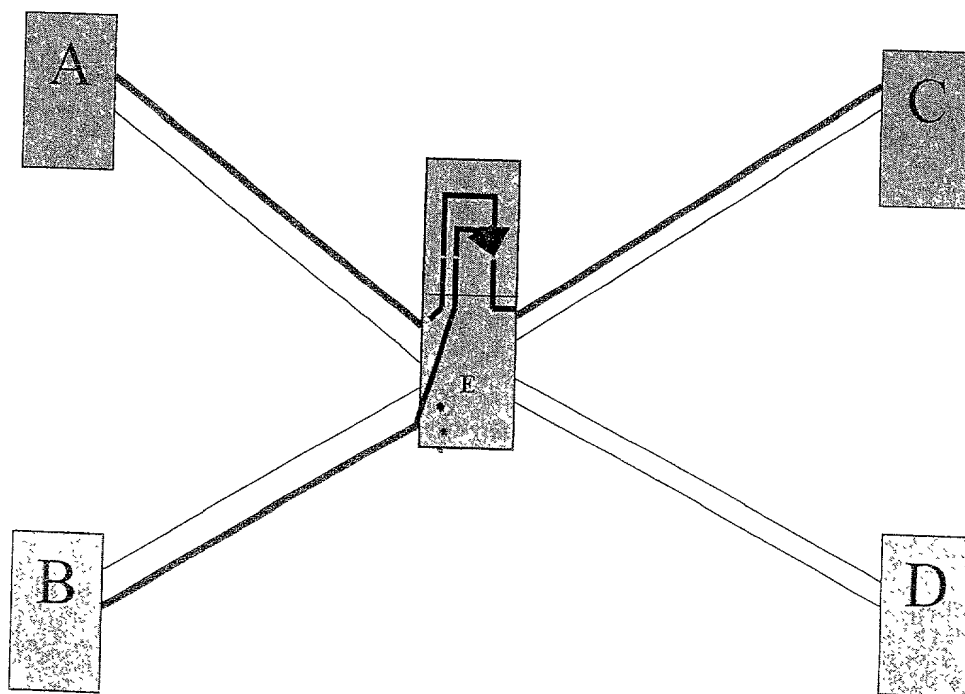
Packet Link

OSF

Lambda X-connect Link

Opaque

B

FIGURE 5

A

C

E

B

D

FIGURE 6

Figure 7

Figure 8

FIGURE 9

FIGURE 10